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(54) Conductive heating unit.

Disclosed are a fine conductive particle powder comprising fine hollow spherical glass or resin particles plated with a metal and having a bulk density of 0.2 to below 0.9 g/cm³, an exothermic conductive coating or paste comprising the above powder and a synthetic resin binder, a conductive heating unit having a desirably shaped solid or solid surface coated or impregnated with the above coating or paste, and a process for producing the above conductive heating unit, whereby the conductive heating unit operable at low voltages can be obtained.

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DOCUMENTS CONSIDERED TO BE RELEVANT CLASSIFICATION OF THE APPLICATION (Int. Cl.5) Citation of document with indication, where appropriate, Relevant Category of relevant passages H 01 B 1,2,4-7 WO-A-8 705 385 (MANKIEWICZ GEBR.) Χ 1/22 * The whole document * H 01 B 1/16 1.2.4-8 C 09 D 5/24 EP-A-0 162 979 (CAROLINA SOLVENTS) Х * The whole document * H 05 B 3/12 Х FILE SUPPLIER JAPS, Patent Office of Japan; 1,2 & JP-A-62 153 146 (ASAOKA) 08-07-1987 * Abstract * Х DATABASE DERWENT WORLD PATENT INDEX, acces-1-6 sion no. 74-33176V [18], Derwent Publications Ltd, London, & JP-A-48 101 455 (TEIJIN) 20-12-1973Abstract Х FILE SUPPLIER JAPS, Patent Office of Japan; 1,4 & JP-A-61 152 775 (TOSHIBA) 11-07-1986 * Abstract * FILE SUPPLIER JAPS, Patent Office of Japan; 1,2,4 Х & JP-A-60 096 548 (NIPPON KAGAKU) 30-05-1985 TECHNICAL FIELDS SEARCHED (Int. CI.5) * Abstract * H 01 B 1 C 09 D 5 H 05 B 3 The present search report has been drawn up for all claims Examiner Place of search Date of completion of search DROUOT M.C. 21 March 91 The Hague

EUROPEAN SEARCH REPORT

CATEGORY OF CITED DOCUMENTS

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